

**ATMOSPHERIC and PRESSURE VACUUM BREAKER INSTALLATION
STANDARDS:**

Atmospheric Vacuum Breaker Back-siphon Prevention Assembly;

NO VALVES are allowed downstream of an A.V.B. Minimum elevation requirement of six inches (6") above highest point in system must be met. Shall not be subjected to operating pressure for more than twelve (12) hours in any twenty-four (24) hour period. Assembly is designed to protect against a back-siphon condition only.

Pressure Vacuum Breaker Back-siphon Prevention Assembly;

Valves are allowed downstream of a P.V.B. Minimum elevation requirement of twelve inches (12") above highest point in system must be met. Assembly is designed to protect against a back-siphon condition only.

A. A. V. B. s / P. V. B. s, shall only be used on systems that are not subject to back-pressure. If back-pressure is present or possible a D. C. V. A. or R. P. B. A. is required. Annual backflow assembly testing of an A. V. B. is not required, although inspections have indicated a high rate of improperly installed A. V. B. s due to valves or electronic stations present downstream of assembly, or failure to meet the six-inch (6") minimum elevation requirement. The City of Post Falls Water Division inspects all A. V. B. installations annually, there are no fees associated with this inspection.

B. **A. V. B. s / P. V. B. s shall never be exposed to compressed air and must be removed if compressed air is used to winterize the irrigation system.**
Note: Manufacturer freeze protection guidelines recommend assemblies be removed and stored indoors in areas where freezing temperatures may occur.

City of Post Falls Ordinance No. 1122 Section 13.12.080 testing and maintenance of assemblies, states, "Each backflow prevention assembly shall be tested to insure that it functions properly: A. Upon installation. B. After repairs. C. After being relocated, moved, or reinstalled. D. Annually." Applicable to all Pressure Vacuum Breakers, Double Check Valve Assemblies, and Reduced Pressure Backflow Assemblies within the City of Post Falls and areas served by the City of Post Falls Water Division. Please refer to schematics of City of Post Falls Standard for installation of backflow prevention assemblies. If you have any questions, please phone the Water Division at (208) 777-9857, Monday through Friday, 7:00 a. m. to 4:00 p. m.

Thank you for your cooperation in our efforts to protect yours and the public's potable water supply from contamination.